

# NEVADA MAKES GOOD SHOWING IN PRODUCTION OF QUICKSILVER

Final statistics of the domestic production of quicksilver in 1916, compiled by H. D. McCaskey, of the United States geological survey, department of the interior, show an output of 29,932 flasks of 75 pounds each, valued at \$2,576,547 at the average sales price of \$86.08 per flask reported by producers. This represents an increase in quantity of 4,899 flasks and in value of \$749,635 compared with the yield of 1915. In the New Year's preliminary figures given out by the survey on January 3, 1917, the production of 1916 was estimated at 28,442 flasks from a best information available, and the value was given at \$3,445,800. This value, however, was based upon the average of San Francisco market quotations for the year, \$125.96 a flask, the only basis then available, which is now found to be far too high. As a matter of fact market quotations, possibly under artificial stimulation, soared to \$400 a flask in February, and for the first four months of the year remained above \$100, but from May to the end of the year quotations were prevailing below \$100, and it is believed that only a small quantity of metal was actually sold at the high prices quoted in the early part of 1916.

The production of California in 1916 was 21,945 flasks, valued at \$1,811,554, against 14,283 flasks, valued at \$1,174,881 in 1915. The production from shaft furnaces was 18,497 flasks, and the remainder

came from retorts. The principal producers were the New Idria, New Almaden, New Guadalupe, Oceanic, Helen, St. Johns, Cloverdays, Culver-Baer, Patrician, King, Oat Hill and Great Eastern mines. A new producer began operations at Te-hachapi, in Kern county—a new locality of interest. There was general activity in all the old-established quicksilver mines and districts and some experimentation in concentrating low-grade ores and old dumps and in furnace improvement, and there was increase in recovery of metal formerly lost at plants now dismantled.

The output of Texas was 6,036 flasks, valued at \$542,820, all from shaft furnaces, and the producers were the Chisos, Mariposa, Big Bend, Texas-Almaden, and "38" mines, all but the first of which were reopened in 1916, some under new management, to take advantage of the higher prices then prevailing. The Chisos has been in steady operation since the early development of the Terlingua district, in Brewster county, where all the producing properties lie in a comparatively small area.

The production from Nevada was 2,198 flasks, valued at \$189,204, of which 1,593 flasks came from shaft furnaces and 605 flasks from retorts. The principal producers were the Goldbanks, Mercury, Nevada Cinnabar, Red Devils and Lost Steers, the last two being in the new district near Mina. Prospecting

was active in Humboldt and Elko counties.

In Arizona, Oregon and Washington there was a combined output of 383 flasks, valued at \$32,969. There was but one small producer each in Arizona and Washington. In Oregon the Black Butte mine, reopened in 1916, was the principal producer. Considerable activity was shown in prospecting and development work, however, near Gold Hill.

Prices quoted (but not always received) for the metal were the highest of record in January and February of 1916. The average San Francisco domestic market quotation for January was \$222 per flask of 75 pounds and for February was \$295; during February a quotation of \$400 was said to have been reached. In March the average fell to \$219, in April to \$141.60, in May to \$90 and in June to \$74.70. From July to the end of the year the highest monthly average quotation was \$81.20 and the lowest \$74.50, in July and June, respectively.

The exports of quicksilver during 1916 were 8,880 flasks, valued at \$670,475, of which much the greater part went to England and Japan in nearly equal quantities, smaller exports going to Canada, Hongkong, Scotland and many other countries. The quicksilver imported for consumption in 1916 amounted to 5,659 flasks, valued at \$515,919, the largest part of which came from the mines of Spain and Italy, chiefly through New York.

# STEEL LINED REDOUBTS ATTACKED BY TANKS

(By Associated Press)

BRITISH FRONT IN FRANCE AND BELGIUM, Aug. 21.—British tanks scored another triumph in the capture of important German positions yesterday morning in the neighborhood of the Ypres-Poelcapelle road, north of St. Julien. It was a tank show almost from start to finish and the infantry in this case played the part of supernumeraries in support of the leading action, while large numbers of the enemy troops added a final melodramatic touch by surrendering abjectly or fleeing in terror as the heavy leads lumbered on to the stage and "reached for their shooting irons."

As recorded in the official communication the British captured German defenses along a mine front to a depth of 500 yards. Among the strongholds occupied were the famous triangle, Hibau and Cockcroft farms, the sites of exceedingly strong concrete and steel machine gun redoubts that menaced the infantry advance.

It was the dawn when the tanks lined up and waited for the signal to "go over the top." The British artillery, observing no less of chivalry to the tanks than to the infantry advance.

The student of history will find entertainment in the first history of Nevada, the original plates of which were consumed in the San Francisco fire and details of the organization of Nye county which was erected February 16, 1864 and named in honor of J. W. Nye.

Mr. Bryden was one of the earliest recorders of Nye county and held that position with great credit to himself and satisfaction to the public. It was while engaged in this business that he developed the idea of making a collection and the effective manner in which he followed the inspiration may be judged from the scholarly way in which Mr. Bryden has arranged his display. In the late 80's Mr. Bryden went to Wardner, Idaho, where he engaged in mercantile pursuits but returned when Tonopah was discovered and has resided here ever since. He is acknowledged to be a man of considerable ability and in gathering his collection he has followed the bent of his inclination with the object of giving Nevada the most perfect encyclopedia of the most extensive mining county of the commonwealth.

Infantry in the past, poured a preliminary stream of shells into the German lines, then dropped a barrage ahead of the iron monitors, which started forward, looking for all the world like great dragons that had rolled out from one of Hans Andersen's conceptions into the gray morning light that shrouded this battlefield in the "cockpit of Europe."

Behind them came the infantry, ready to do the cleaning up of the remaining enemy after the tanks had finished their part. But there was little for the infantry to do except assemble and care for the prisoners as the tanks progressed. There was hard fighting at several positions, such as the three redoubts mentioned, but it was always brief.

The tanks wheeled into position and turned a heavy fire on the fortifications and the Germans were killed or else they surrendered. The enemy casualties were heavy. Great numbers of Germans were seen fleeing terror-stricken as the tanks appeared in the distance, and a considerable number threw down their arms and surrendered without offering resistance.

The tanks cleared the whole territory desired and then trundled back home. They suffered no damage and the casualties for the operation totalled fifteen. This has been the most striking incident of the last fighting along this front.

Up to date the French have cap-

tured about 25 German guns since this offensive began on July 31 and the machine guns taken were innumerable. Some of the captured redoubts were found to be veritable nests of machine guns. One field gun which a German artilleryman was about to blow up was taken near Las Lillas, the gunner being shot just as he was placing the explosive.

The examination of German prisoners taken by the British continues, and out of 940 questioned, only 25 per cent were found to belong to the 1910 class. No commissioned German officers relate how they are hampered by the demoralization of the younger recruits with whom they are supplied. They say they cannot rely on these youngsters, and similar complaints are heard about the inefficiency of the young German officers in the battle of Flanders. The demoralization of certain German regiments at Langemarck and Polygon wood last Thursday was complete and this was due, according to captured non-commissioned officers, to the preponderance of 18 year old youths in the ranks.

To know how much one doesn't know is a part of wisdom.—Albany Journal.

An invitation to march in the national army parade would be equivalent to a command.—Chicago Post.



He's telling her that nothing he received from home brought more joy, longer-lasting pleasure, greater relief from thirst and fatigue, than

## WRIGLEY'S

THE FLAVOR LASTS

She slipped a stick in every letter and mailed him a box now and then.

Naturally he loves her, she loves him, and they both love WRIGLEY'S.

CHew IT AFTER EVERY MEAL

Three of a kind

Keep them in mind



WRAPPED IN UNITED COUPONS

X 733

# ONLY COMPLETE MINERAL COLLECTION DATING FROM COUNTY'S EARLIEST DAY

In a modest cottage on Upper Elye Main street within the shadow cast by the courthouse in the early morning there is a collection without a peer in the state. The little house and residence of the owners shelters a priceless museum that may at any moment be swept out of existence and the results of a life effort lost to posterity. The owner, W. S. Bryden, prides himself on having the only complete, classified and catalogued collection of minerals and geological specimens from Nye county and there is not a man living to gainsay his statement. Death or accident may deprive Nye county of this assortment of precious metal bearing rock and it has been suggested that an effort be made to preserve the collection in shape for public benefit where it could be seen and examined by those who are interested in the geology of the county. The specimens have a high intrinsic value since many of them carry gold and silver ranging in value from one dollar to twenty dollars a pound. One sample alone is worth more than its weight in gold for the precious contents are almost solid while the formation is such that it will command more money than the gold content would warrant.

The little cottage is the rendezvous of every geologist arriving in this part of the country with a desire to acquaint himself with local conditions and, on that account, it has been urged that the Tonopah Mine Operators' association take steps to secure ownership and thus preserve the wonderful treasures for the benefit of visitors in later years. The cabinets containing the specimens would have been one of the chief attractions in the mining buildings at the Panama-Pacific exposition had it not been for the fact that they covered a greater space than the management felt should be devoted to any one county. Therefore the exhibits did not appear and the millions of visitors were deprived of the knowledge they would obtain from studying the specimens.

Although there are 5000 pieces of rock including every known mineral in the county and comprising samples from mines that have long since passed into oblivion. Beginning with No. 1, a piece of rock from the Western mine which flourished in 1868 in Esmeralda county down to Tulcha Peak and the latest developments of the White Caps on the fifth level where highgrade was

uncovered last week, the record is complete. To enter into a detailed description would weary the average non-scientific reader although it would interest those whose lives are devoted to the pursuit of mining knowledge.

The tiers of cabinets comprise specimens from Ione, Ophir, Marietta, East Belmont, Morey, Spanish Belt, Downville, Tybo, Furnace, Jett, Grantville, Eldorado, North and South Jefferson mines, Gold Mountain, Barcelona, Commonwealth, Tuscarora, Ellsworth, Crow Springs, Round Mountain, Kawich, East Belmont, Belmont, Recelle, Montezuma, Stone Cabin, the Devil's Punchbowl, Manhattan, Ray, Klondike, Rochester and numerous minor camps that could only be picked out by close scrutiny or the display.

Some of the most interesting rocks are those taken from the vertical sides of the Devil's Punchbowl, the strange and startling formation found near McManis's ranch in Monitor valley. This freak of nature has never been fathomed and it is supposed to be bottomless. The surface resembles a caldron of boiling water which seethes and bubbles constantly. Mr. Bryden's records show that Nye county was credited with a production of \$190,061 in 1870 and one year later this was raised to \$478,108. After that the realization from Nye county mines jumped by leaps and bounds until at the time silver was demonetized the total production was \$50,000,000. Then came the decline which continued until the discovery of Tonopah which brought about a revival of interest in mining and set the date of the regeneration of southern Nevada.

Among the other interesting features of the Bryden collection is a grouping of Indian moccasins, baskets, arrowheads, medicine war bon-

NETS, all representing the palmy days of the Shoshone Indians in this section. From Alaska appears a set of walrus tusks from both the male and female and a couple of whitened skulls were taken from aboriginal grave yards between 1881 and 1903. Then there is a record of the homicides of Nye county which constitute a history by themselves.

The antiquarian will find scope for study in a parchment giving the Shoshone dialect on one side and the translation in English on the other.

ASSESSMENT NOTICE  
TONOPAH GIPSY QUEEN MINING COMPANY—Location of principal place of business, and location of works, Tonopah, Nye County, Nevada.  
Notice is hereby given that at a meeting of the Board of Directors, held on the 20th day of July, 1917, an assessment (No. 12) of One (1) cent per share was levied upon the capital stock of the corporation, payable immediately in United States gold coin, to the Secretary at the office of the company, room 365 Russ Building, San Francisco, California.  
Any stock upon which this assessment shall remain unpaid on the 24th day of August, 1917, will be delinquent and advertised for sale at public auction, and unless payment is made before will be sold on Wednesday the 24th day of September, 1917, to pay the delinquent assessment, together with the cost of advertising and expenses of sale.  
By order of the Board of Directors, CHARLES D. OLNEY, Secretary, Office, room 365 Russ Building, San Francisco, California.  
First publication: July 24, 1917.  
Last publication: Aug. 24, 1917.

## Pioneer Dairy

Joe and Louis Serventi, proprietors

STERILIZED PRODUCTS  
MILK AND CREAM  
MORNING AND EVENING  
DELIVERY  
PHONE 1144 TONOPAH, NEV.

## THE Original Package

ENGUEST & CARROLL,  
Proprietors

Remodeled—Redecorated  
The Bar Stocked with the Very Best—Everybody Treated Well

## H. E. EPSTINE Stock Broker

ESTABLISHED 1899

—TWO PHONES—  
778 1288

MAIN STREET

## THE RIVERSIDE HOTEL

RENO, NEVADA  
H. J. GOSSE, Mgr.  
On the banks of the Truckee river. Strictly modern in every respect. Where you can find southern Nevada people.  
Dancing is a feature every evening, except Sunday, at the Riverside in  
The Lanai Cafe

## SUMMER DRUDGERY GONE

By using a few electrical appliances, such as an iron, a stove, percolator or other convenient appliances, you can lighten your household work and economize on your fuel bill. Take advantage of the short evenings and use the minimum amount of electricity due you.

The Nevada-California Power Co.

## CAMPBELL & KELLY FOUNDRY and MACHINE SHOP

"Tried in the Fire"

TAKING ORDERS AND FILLING THEM  
AUTO REPAIRS A SPECIALTY  
TONOPAH, NEVADA

## HALL LIQUOR CO.

INCORPORATED

## Wholesale and Retail

MANUFACTURERS OF

GINGER ALE, SODA WATER,  
MINERAL WATER, HIRES'  
ROOT BEER

Jack Beam Whisky from Early Times Distilling Company—Pride of Tonopah

Los Angeles Bottle and Draught Loric, International, El Primo.

Pabst Blue Ribbon Bottle Beer, Pabst Export Bottle Beer, East Side.

Agent for Dry Climate, M. & O. Italian Swiss Colony Wines.

TONOPAH, NEVADA

MAIN ST. PHONE 512

## EVERY AD

brings its wants. It may be a servant, a situation, something to buy, sell or exchange. Some people want rooms; some people have rooms to rent.

No matter what it is, big or little, a small notice among the BONANZA want ads will bring satisfaction, because

582

BONANZA Want Ads

Bring Sure Results

# COMPLETION OF THE RELAY RACE

(Continued from page 2.)

been delivered to Mr. and Mrs. F. M. Hess and the Ford they had was making speed toward Crocker's, its destination 45 miles away.

The relay from Bishop west was across Tioga Pass, 9,940 feet elevation—the highest vehicle pass in the country, we are told—and over the wonderful road by which it is attained. It is pertinent to the present subject to say that it offered the smoothest, firmest roadbed of the 92-mile trip, and that the car rolled up it at from fifteen to twenty miles an hour.

Conceivably the sun may shine so excessively that the making of hay is discouraged.—Albany Journal.  
Local cabbages are beginning to head up, though it is a little early to select a new mayoral candidate.—Chicago Daily News.

The man with the hoe can once more get busy.—Ansonia's Sentinel, Conn.

## You Will Be Served

Courteously, generously helped and enjoy pure food, if you go to

## MOONEY'S CAFE

TONOPAH, NEVADA

## San Francisco EXCURSIONS

Limit 3 months, \$33.50. On sale daily from April 27th to September 30th



Limit 15 days, \$28.00. On sale Fridays and Saturdays, April 27 to September 29

Tonopah and Goldfield Railroad Co.

## MILTON M. DETCH ATTORNEY-AT-LAW

Tonopah Offices: Rooms 208-209-210 State Bank Building  
Goldfield Offices: 201-202-203-204 Nye & Ormsby County Bank Bldg.

## Wm. FORMAN LAWYER

318-319 State Bank and Trust Co. Building  
TONOPAH : : NEVADA

## HUGH H. BROWN ATTORNEY-AT-LAW

Offices: 212-215 State Bank and Trust Co. Building  
TONOPAH : : NEVADA

## H. R. COOKE ATTORNEY-AT-LAW Notary Public

Offices now located on the fifth floor State Bank and Trust Building  
TONOPAH : : NEVADA

## McNamee & McNamee LAWYERS

LAS VEGAS, NEVADA, and 430-2 P. E. Building, Los Angeles, Cal.

## DENTISTS

## Dr. H. Rulison-Shipley DENTIST

Rooms 806-807 State Bank Building  
Phone 392  
Tonopah, Nevada

## DR. T. A. MUSANTE DENTIST

Rooms 206, 208, 207 State Bank Bldg.  
PHONE 942  
TONOPAH : : NEVADA

## Stoddard Southworth, D.D.S.

Suits 602-503  
State Bank Building  
Office hours: 9 to 12 a. m. 1 to 4 p. m.